

IN THE SPECIFICATION

Please amend the paragraph that starts at page 6, line 2 as follows:

--Preferably, the second pair of link arms are substantially parallel to each other. In a preferred embodiment, the follower, second pair of link arms and the tool support member substantially form a parallelogram. The tool support member forms the side of the parallelogram furthest from the support frame. One or more ~~or of~~ each the first and second link arms can be formed by two parallel elements.--

Please amend the paragraph that starts at page 7, line 22 as follows:

--In another embodiment of the invention a dampening block is arranged in a position to prevent bounce when the tool is returned to the top of stroke position by the bias element. A cam surface carried by one of the links rotates to engage the dampening ~~black~~ block to arrest the rebound or bounce as the tool returns to its top of stroke position.--

Please amend the paragraph that begins at page 11, line 19 as follows:

--Each of the assemblies 19 has a base plate 21 which provides a mounting to support frame 2. A pair of link arms 24, 25 pivotally mount a follower 26 with the base plate 21. Upper link arm 24 is formed of two parallel elements 24a and 24b. Link arm elements 24a and 24b are mounted to a fixed support arm 22 that extends from base plate 21 by a pivotal connection at 27. The other ends

of link arm elements 24a and 24b are pivotally connected to the follower 26 at pivot point 28. Lower link arm 25 is generally U-shaped and has two parallel elements 25a and 25b. A first end of link arm 25 is mounted with base plate 21 by a pivotal connection at 29 to a housing 30 fixed to the base plate 21 (Figures 6-16). The ends of link arm elements 25a, 25b are pivotally connected to the follower 26 at pivot point 31. In this way link arms 24 and 25 are spaced and have pairs of equally spaced pivot points (27, 28, 29, 31). This results in follower 26 being mounted for linear movement in a first direction toward and away from support frame 2 to which base plate 21 is mounted. By making the pivot points 27, 28, 29 and 31 coincide with the corners of a parallelogram the orientation of follower 26 with respect to the support frame 2 is maintained throughout this linear movement. As best seen in FIG. 6 link arm 25 is bent to form an obtuse angle.--

Please amend the paragraph that starts at page 16, line 8 as follows:

--At the next part of the aeration time cycle, as shown in FIG. 7, the cylinder 17 forces link arm ~~31~~ arm 32 down towards the ground surface. This causes tool support member 34 to move downward vertically, driving the cultivation tool 20 towards the ground surface. Due to the parallelogram structure of the follower-tool support arrangement, the force applied by the cylinder 17 to link arm 32 is transmitted to link arm 33 and tool support member 34 while the follower 26 remains stationary. As link arm 33 moves in unison with link arm 32, the tool support member 34 is made to move downwards in a straight line,

ensuring that the cultivation tool 20 moves perpendicularly into the ground surface. The support frame 2 in this time has moved distance of 22 mm from its initial point 46.--

Please amend the paragraph that begins at line 15, on page 25 as follows:

--As the arm 25 rotates clockwise, the cam surface 148 of the arm 25 progressively engages the dampening block 143 to progressively arrest clockwise rotation of the arm 25. The dampening block 143 is squeezed between the cam surface 148 on a front side and the follower 26 on a rear side. Accordingly, the arm 25 comes to a controlled, frictionally-induced stop instead of substantially compressing the dampening block 143 which would otherwise cause a subsequent counterclockwise rebound or bounce. The interaction of the cam surface 148 and the block 143 prevents rebound of the arm 25 in a counterclockwise direction, and this interaction is enhanced by the squeezing or clamping of the block 143 between the cam surface 148 and the follower ~~25~~ 26. The dampening block 143 is made of a stiff material, such as urethane having a Shore hardness of 70D.--